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TO:		FROM:	
Mail Stop Amendment		Trueman H Denny III	
COMPANY:		DATE:	
USPTO		MAY 04, 2006	
FAX NUMBER:		TOTAL NO. OF PAGES INCLUDING COVER:	
571-273-8300		14	
PHONE NUMBER:		RE:	
571-272-1738		Response to Office Action Mailed April 14, 2006	

☐ URGENT    ☐ FOR REVIEW    ☐ PLEASE COMMENT    ☐ PLEASE REPLY    ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Docket #	P027.03.CIP2+	By:	THD	Faxing Date	May 04, 2006
Ser. No:	10/665,882	Filing Date:	09/19/2003	Inv(s)	Rinerson et al.
Title:	RESISTIVE MEMORY WITH A TREATED INTERFACE				

The following is being transmitted to the U.S. Patent Office:

Item	Description	# Pgs
1.	Amendment & Response pursuant to 37 C.F.R. §1.111	12
2.	Transmittal Form PTO/SB/21	1
3.		
4.		
5.		
6.		
7.		

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PTO/SB/21 (09-04)

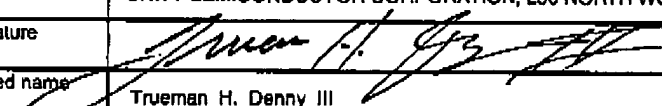
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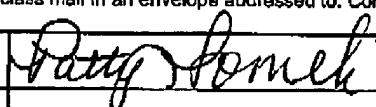
<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/665,882	
	Filing Date	06/19/2003	
	First Named Inventor	Darrell R. Riner, et al.	
	Art Unit	2815	
	Examiner Name	Wilson, Allan R.	
Total Number of Pages in This Submission	14	Attorney Docket Number	P027.03.CIP2+

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks 1. Unity Semiconductor FAX Cover Sheet - 1 Page 2. Amendment & Response per 37 C.F.R. 1.111 - 12 Pages		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	UNITY SEMICONDUCTOR CORPORATION, 250 NORTH WOLFE ROAD, SUNNYVALE, CA 94085-4510		
Signature			
Printed name	Trueman H. Denny III		
Date	May 04, 2006	Reg. No.	44,652

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Patty Lomeli	Date	May 04, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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MAY 04 2006

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of: Darrell Rinerson, et al.

Attorney Docket No.: P027.03.CIP2+

Application No.: 10/665,882

Examiner: Wilson, Allan R.

Filed: September 19, 2003

Group: 2815

Title: Resistive Memory With A Treated Interface

Customer No.: 42958

Confirmation No.: 6771

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**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being transmitted by facsimile to fax number 571-273-8300 to the U.S. Patent and Trademark Office on May 4, 2006.

Signed:

  
Patty Lomell**AMENDMENT AND RESPONSE PER 37 C.F.R. §1.111**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office action mailed April 14, 2006, please consider the following:

**Amendments to the Specification** begin on **Page 2** of this paper.

**Listing of claims** begins on **Page 3** of this paper.

**Remarks/Arguments** begin on **Page 9** of this paper.